

Figure 1

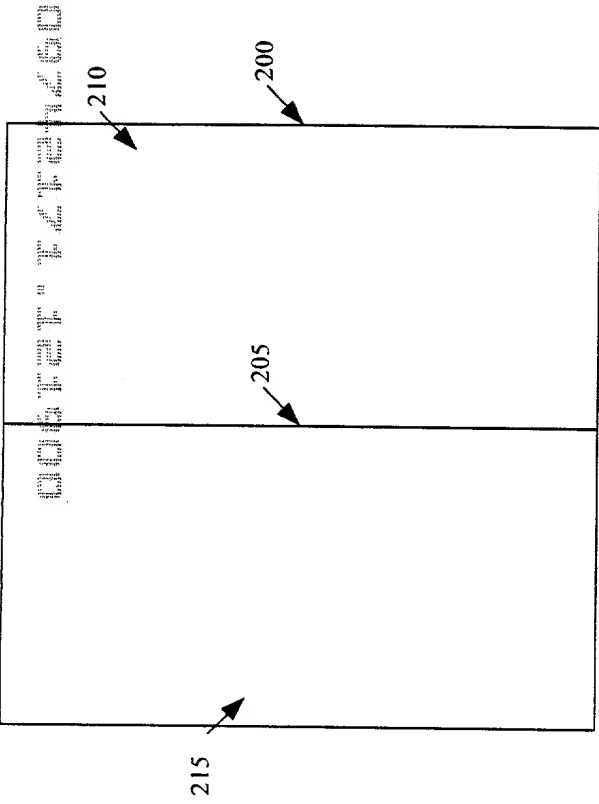


Figure 2

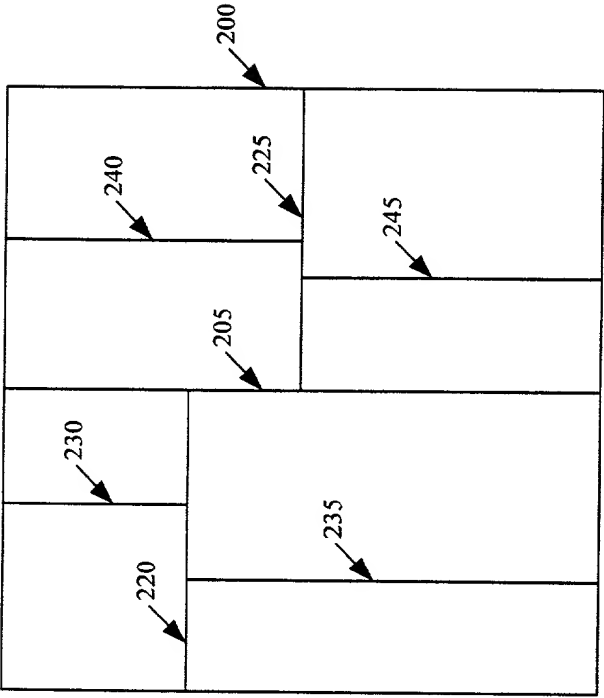


Figure 3

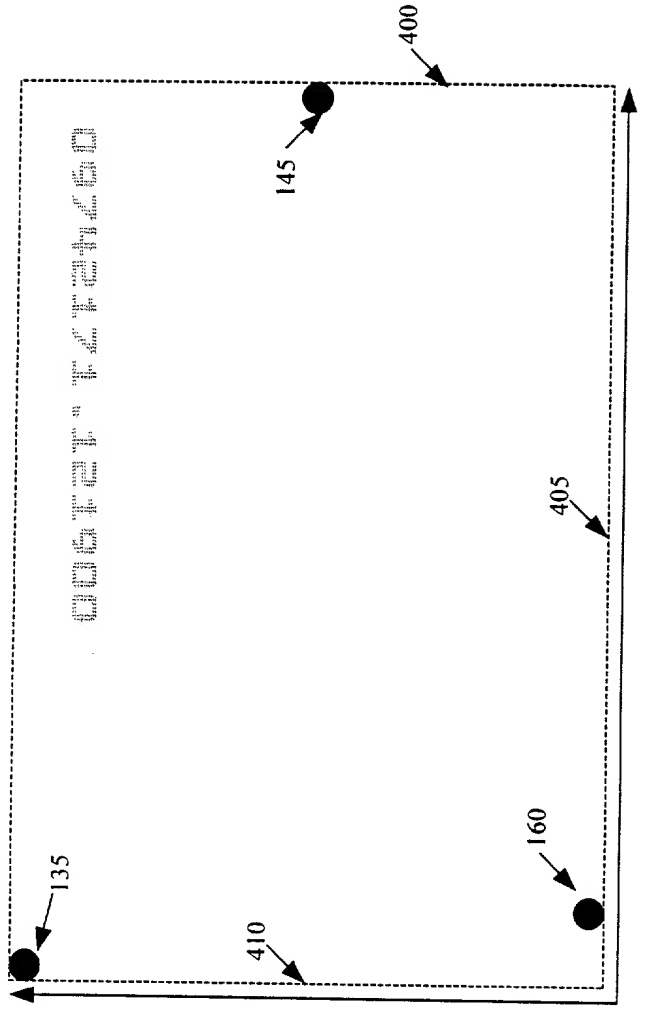


Figure 4

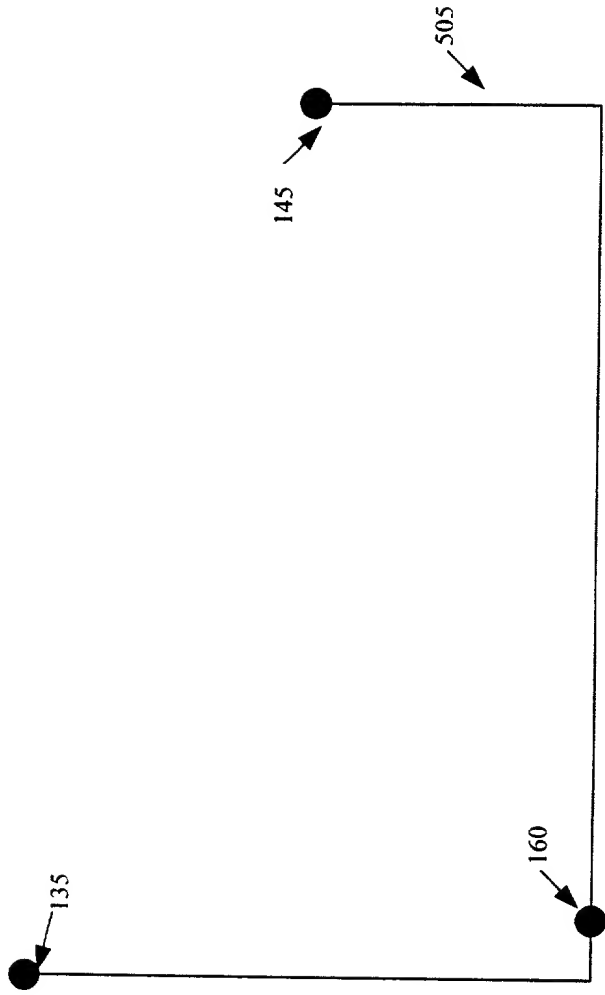


Figure 5

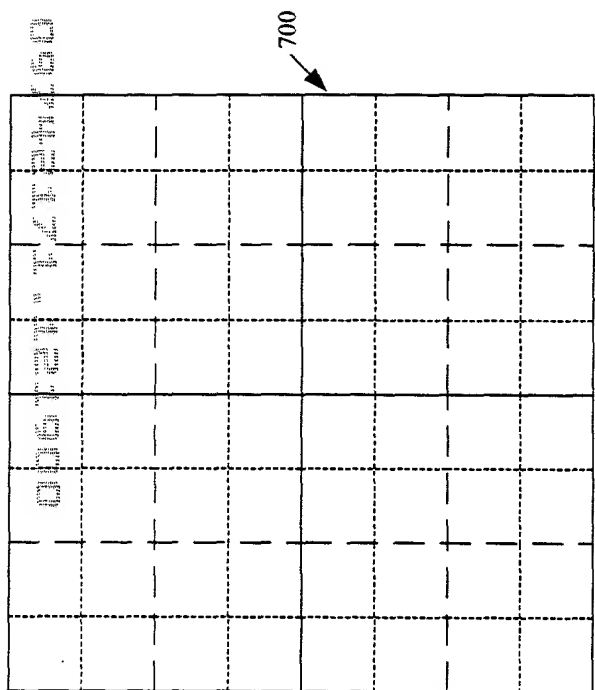


Figure 7

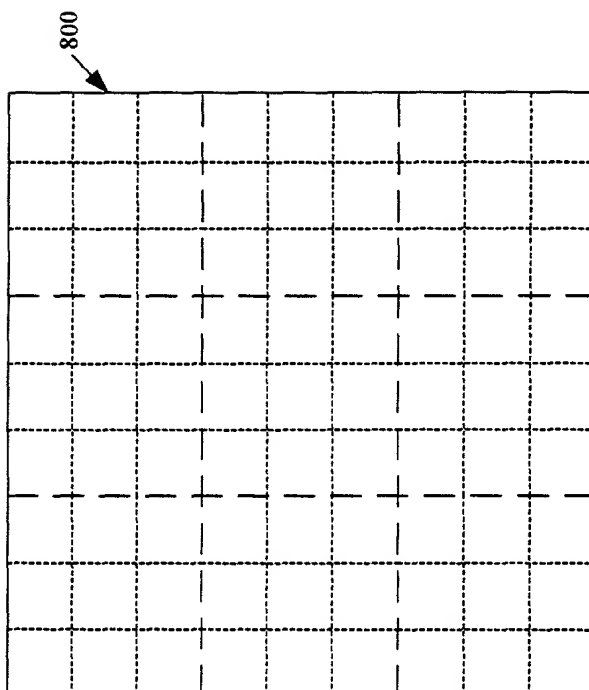


Figure 8

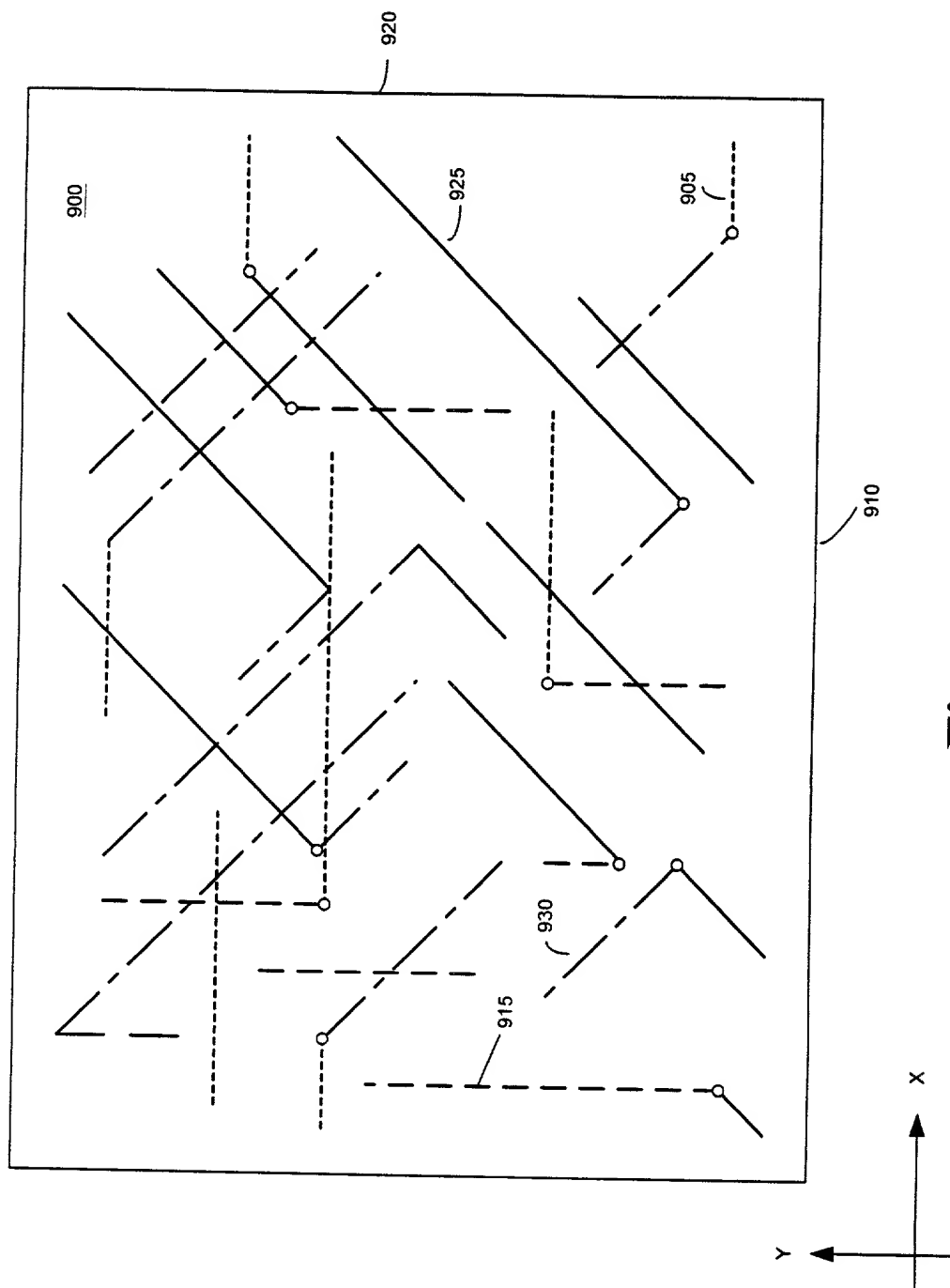


Figure 9

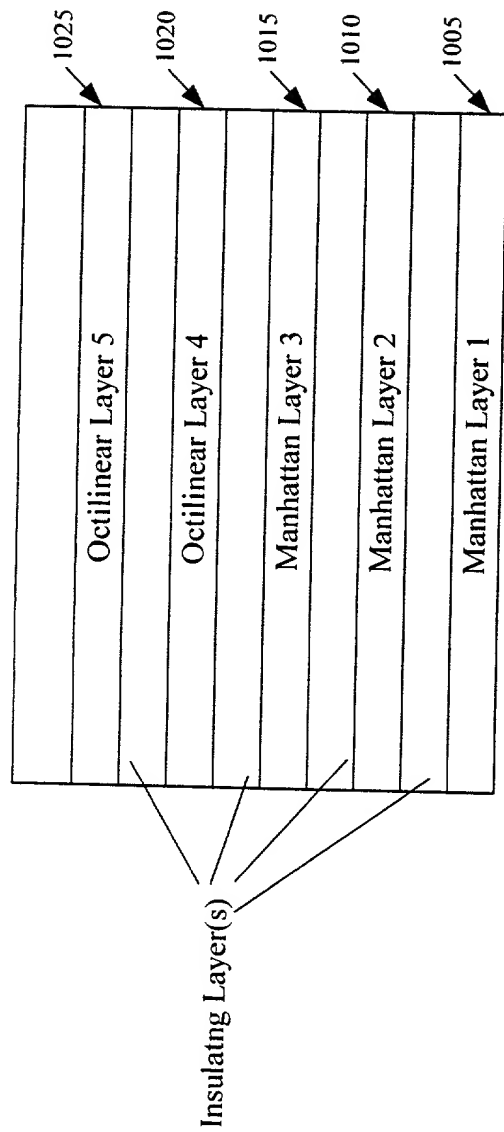


Figure 10

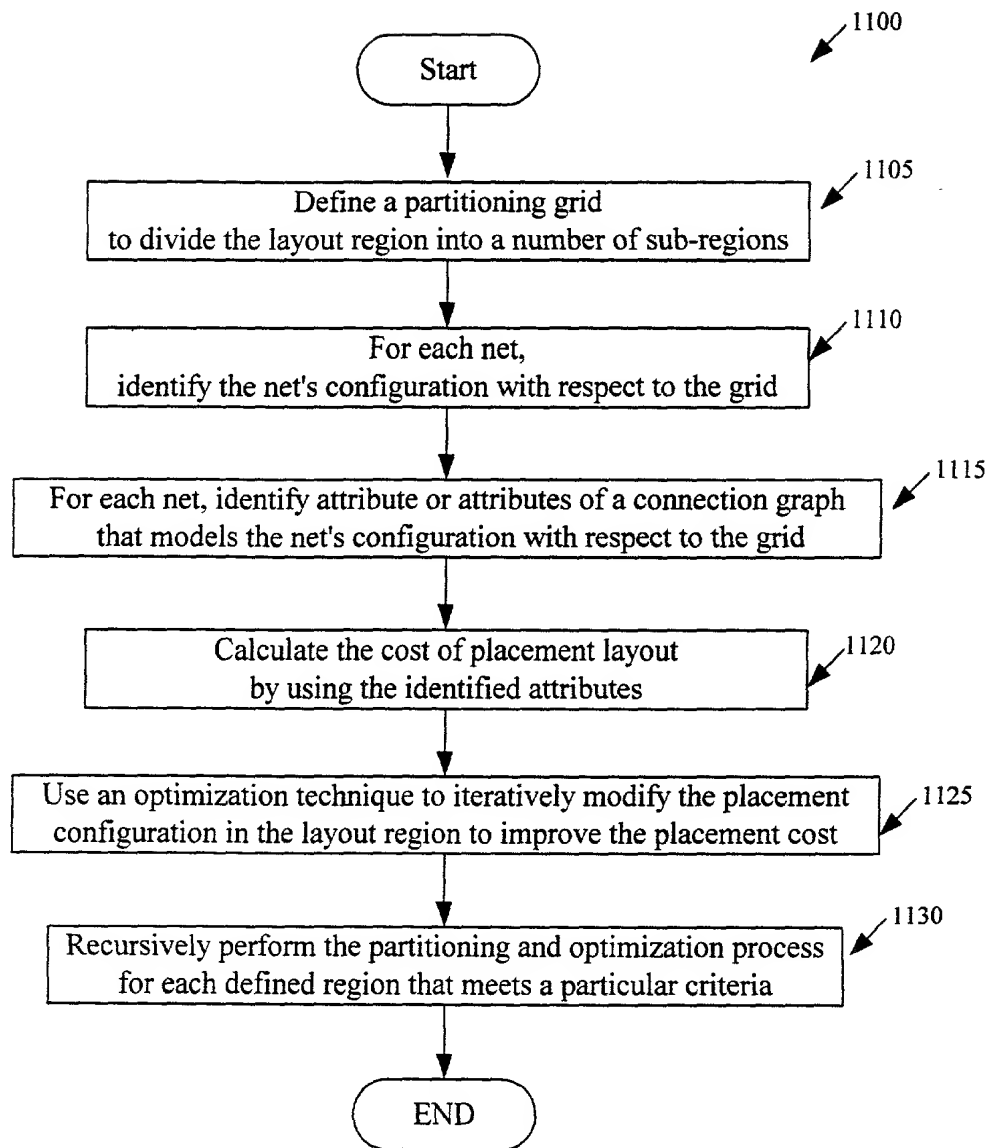


Figure 11

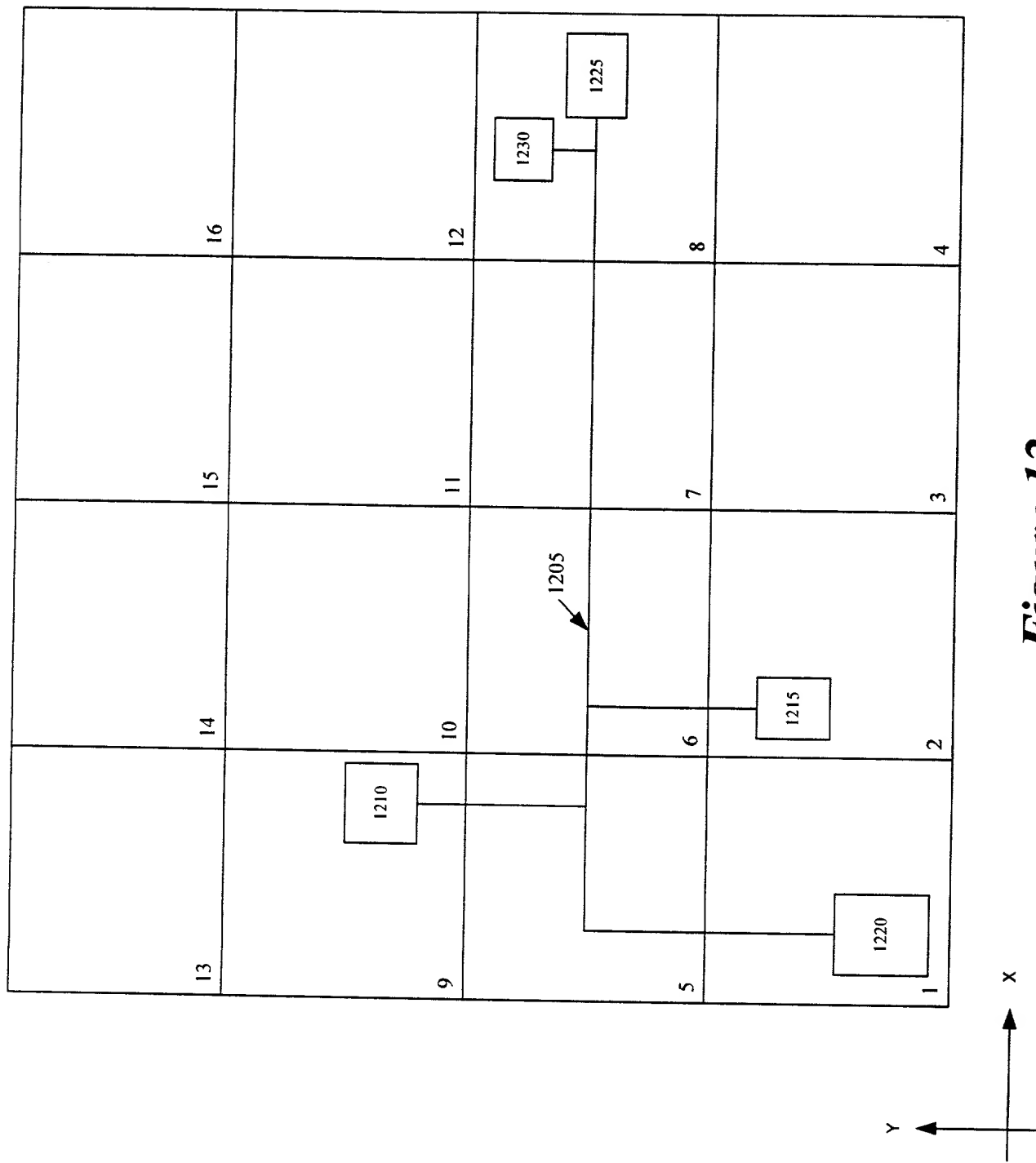


Figure 12

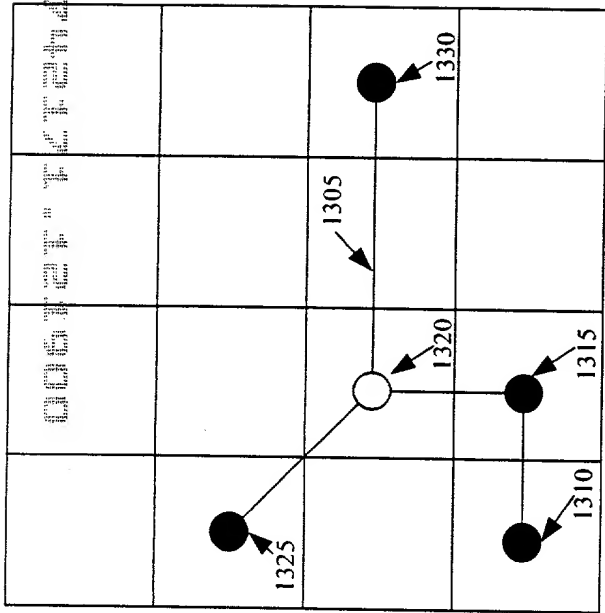


Figure 13

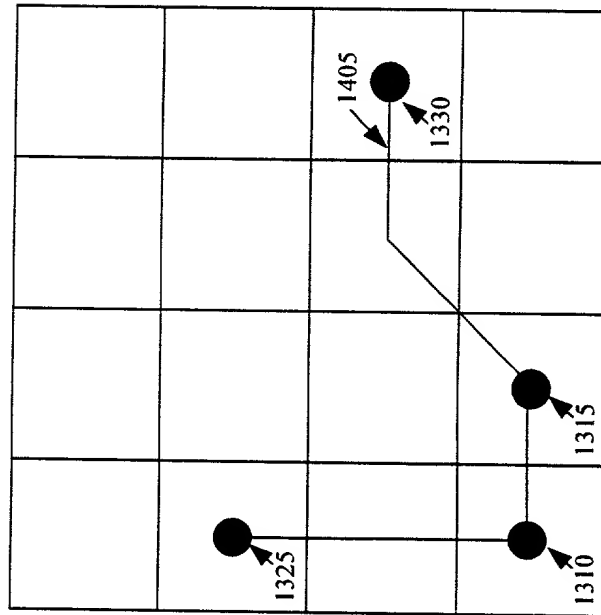


Figure 14

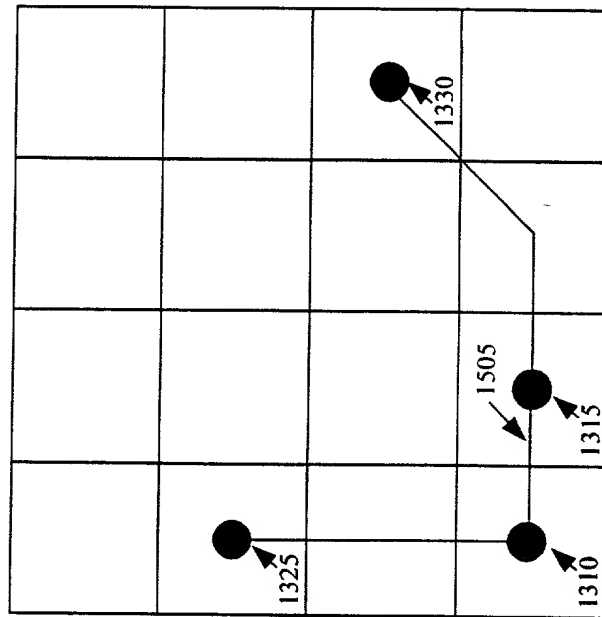


Figure 15

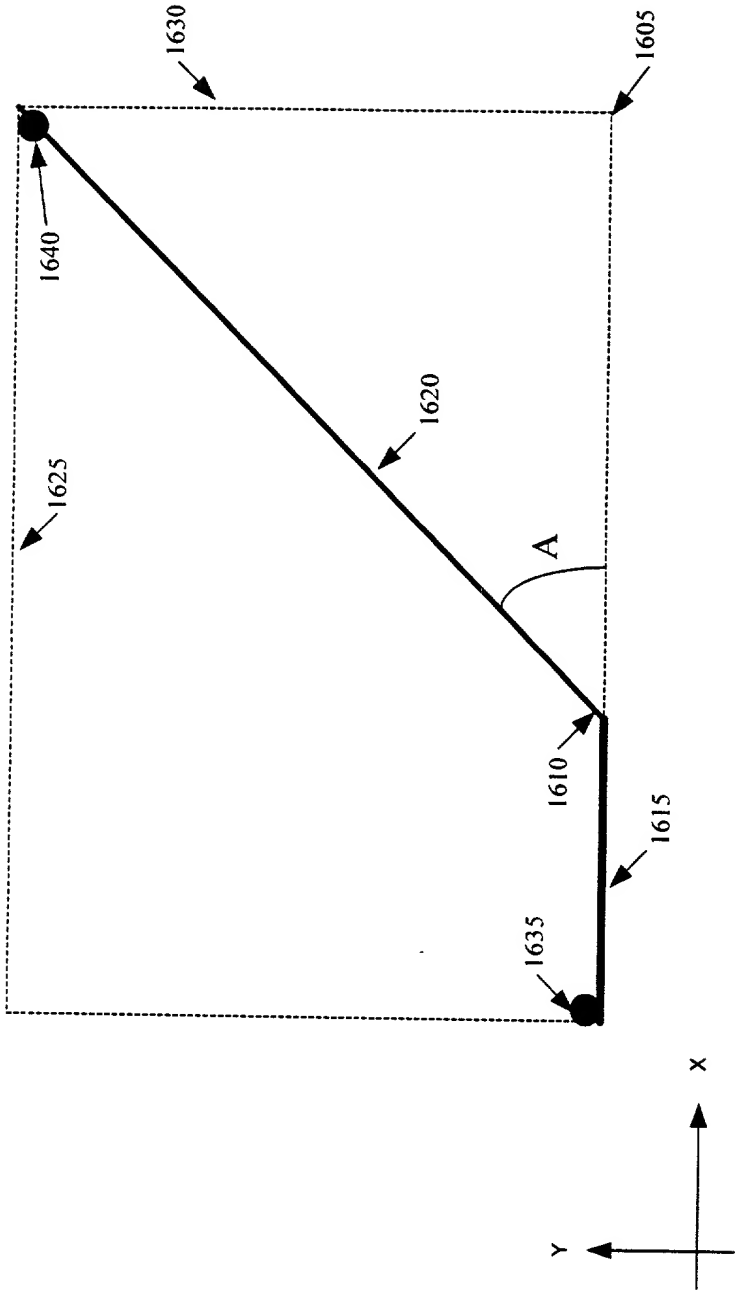


Figure 16

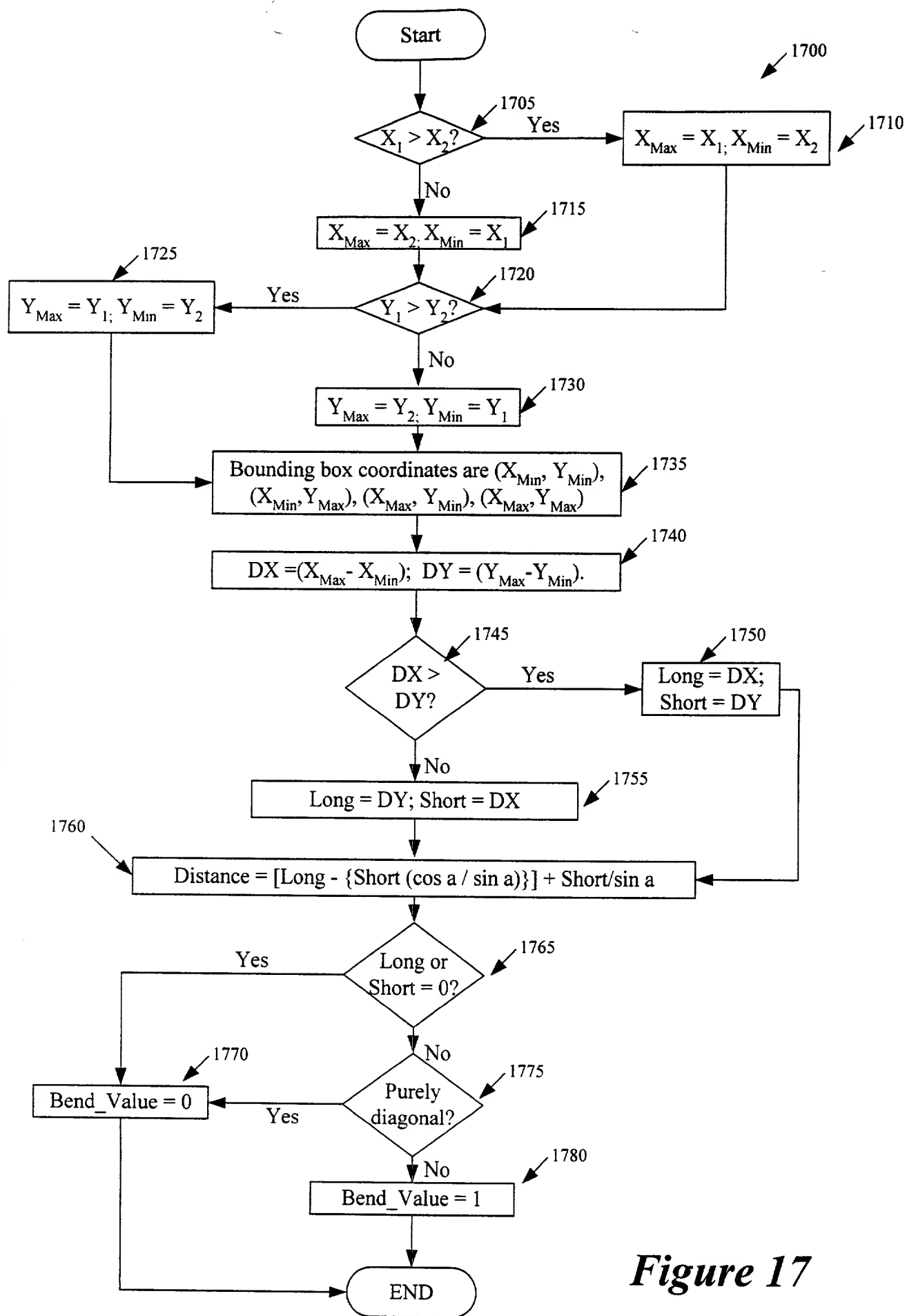


Figure 18

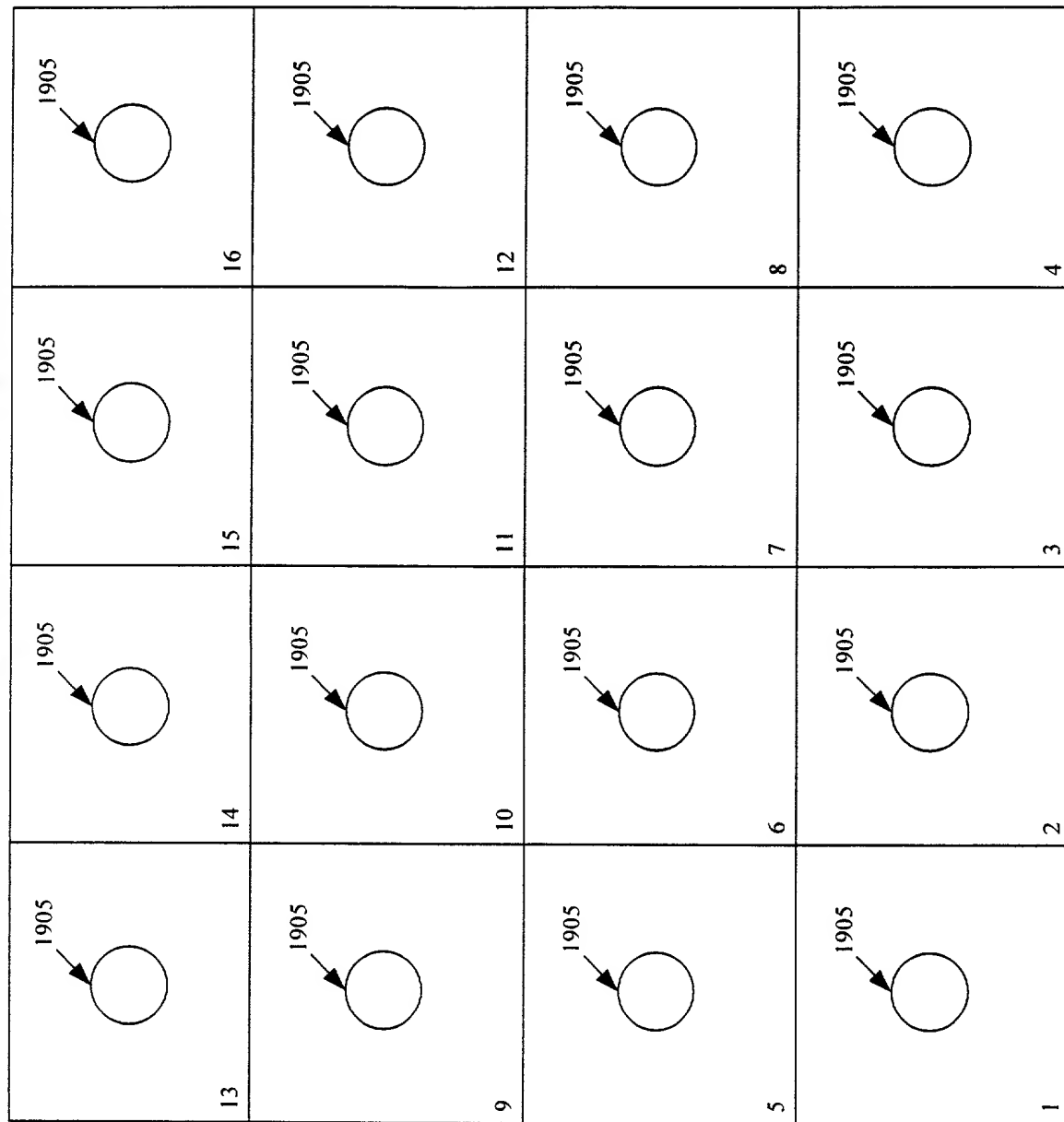


Figure 19

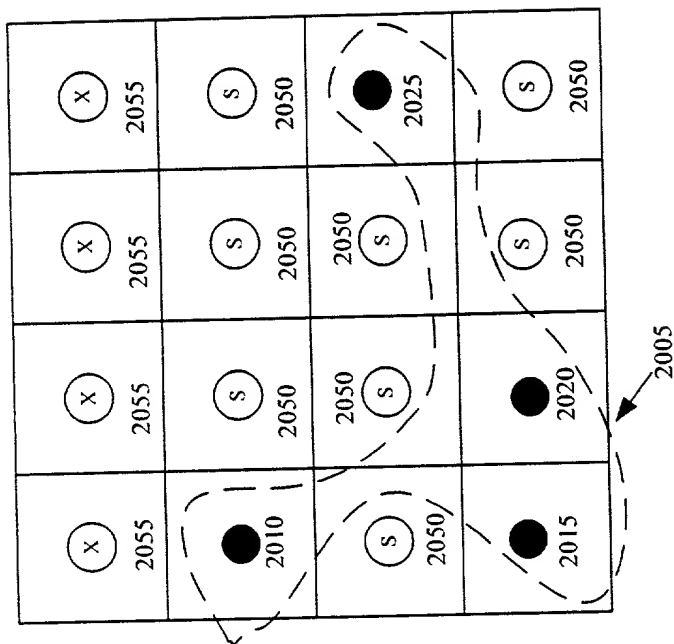


Figure 20

```
graph TD; Start([Start]) --> 2105[Initialize set of potential Steiner nodes equal to all nodes not in the selected node configuration]; 2105 --> 2110[Select one of the potential Steiner nodes]; 2110 --> 2115{Is selected nodes on a shortest path between any two nodes in the selected node configuration?}; 2115 -- No --> 2125[Remove selected node from the set of potential Steiner nodes]; 2115 -- Yes --> 2120[Keep selected node in the set]; 2125 --> 2130{Any nodes not yet examined in the set of potential Steiner nodes?}; 2120 --> 2130; 2130 -- Yes --> 2110; 2130 -- No --> END([END]);
```

Figure 21

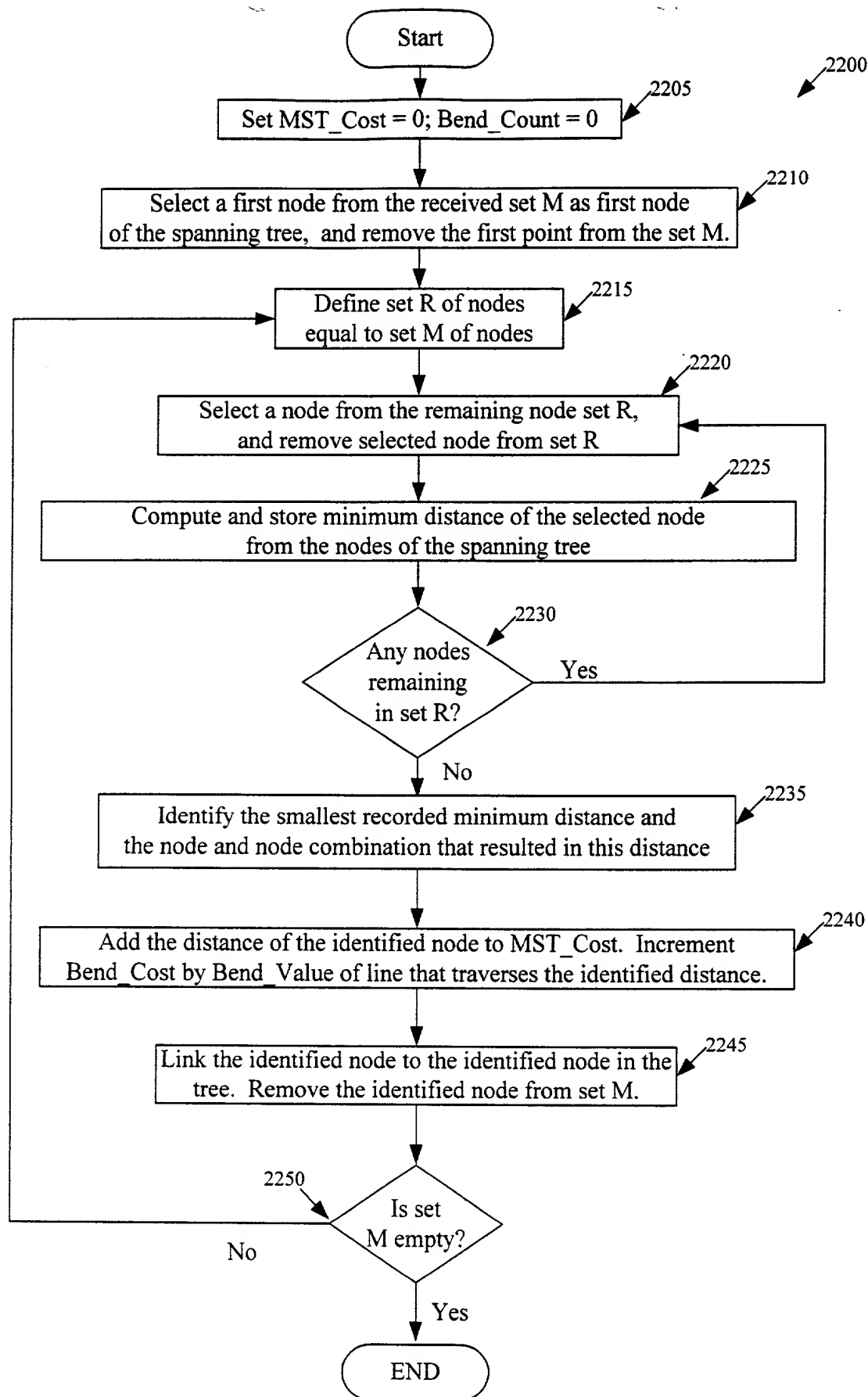


Figure 22

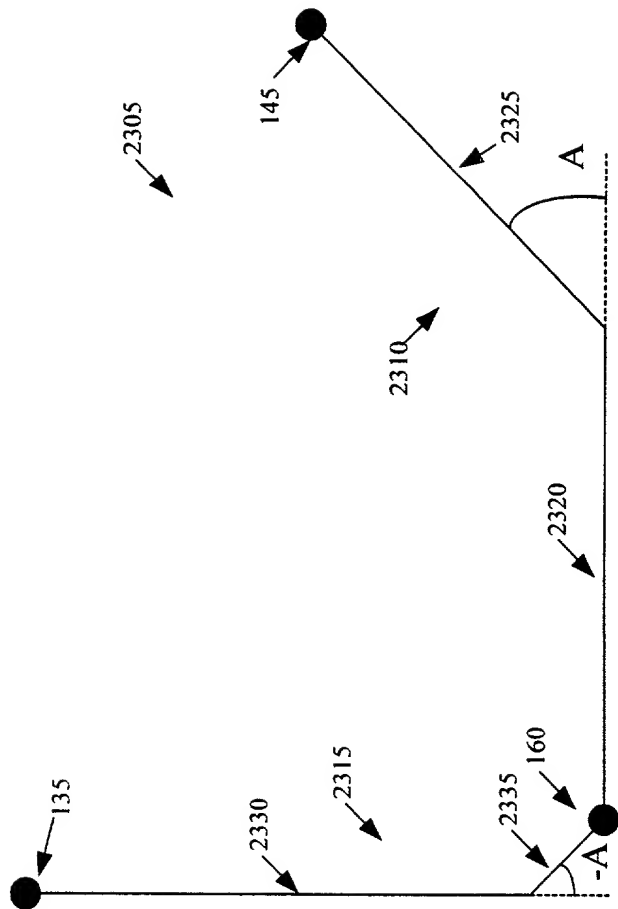


Figure 23

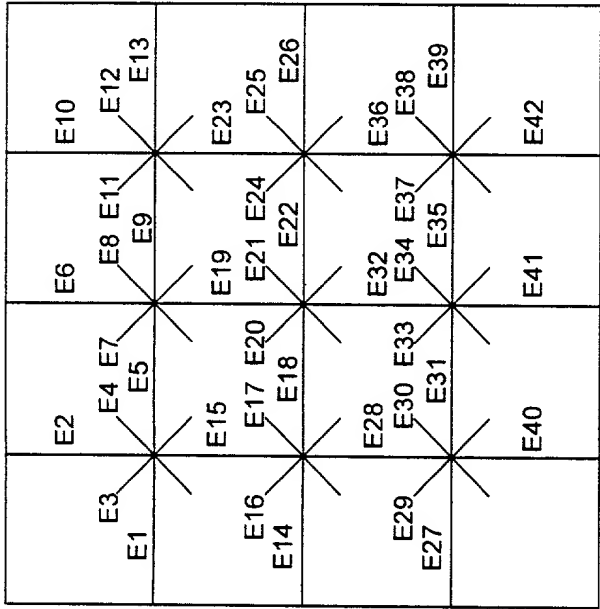


Figure 24

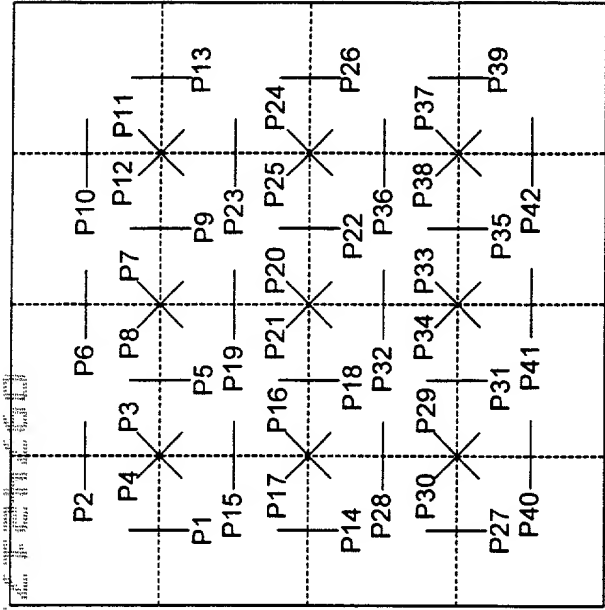


Figure 25

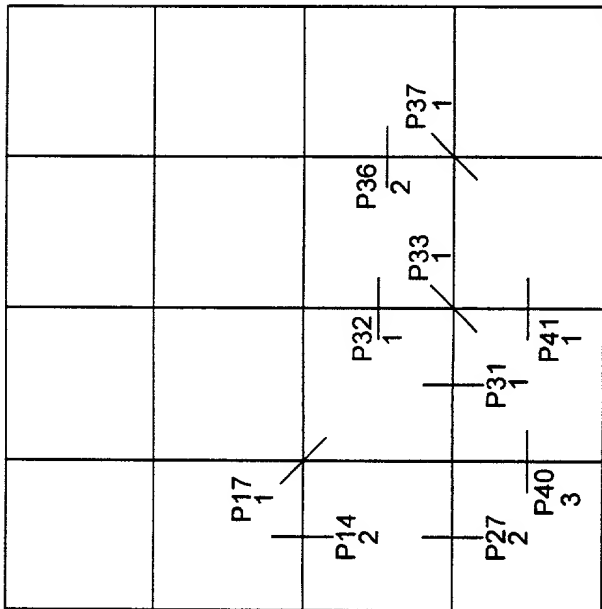


Figure 26

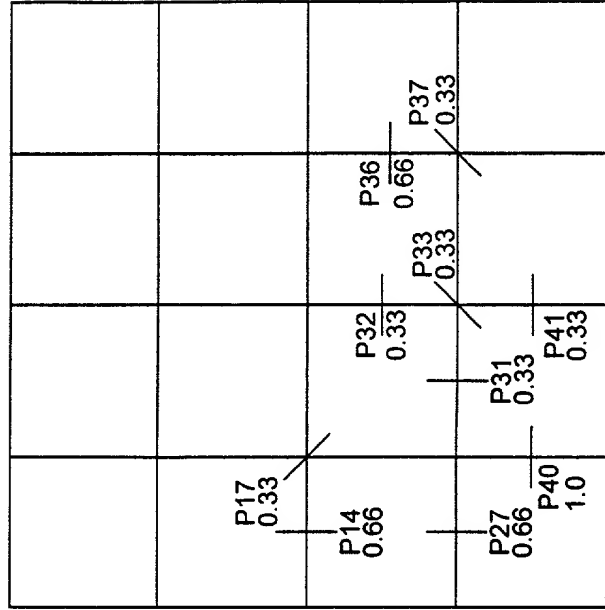


Figure 27

E14 2	E17 1	E32 1	E36 2
E27 2	E31 1	E33 1	E37 1
E40 3	E41 1		

Figure 28

E14 0.66	E17 0.33	E32 0.33	E36 0.66
E27 0.66	E31 0.33	E33 0.33	E37 0.33
E40 1.0	E41 0.33		

Figure 29

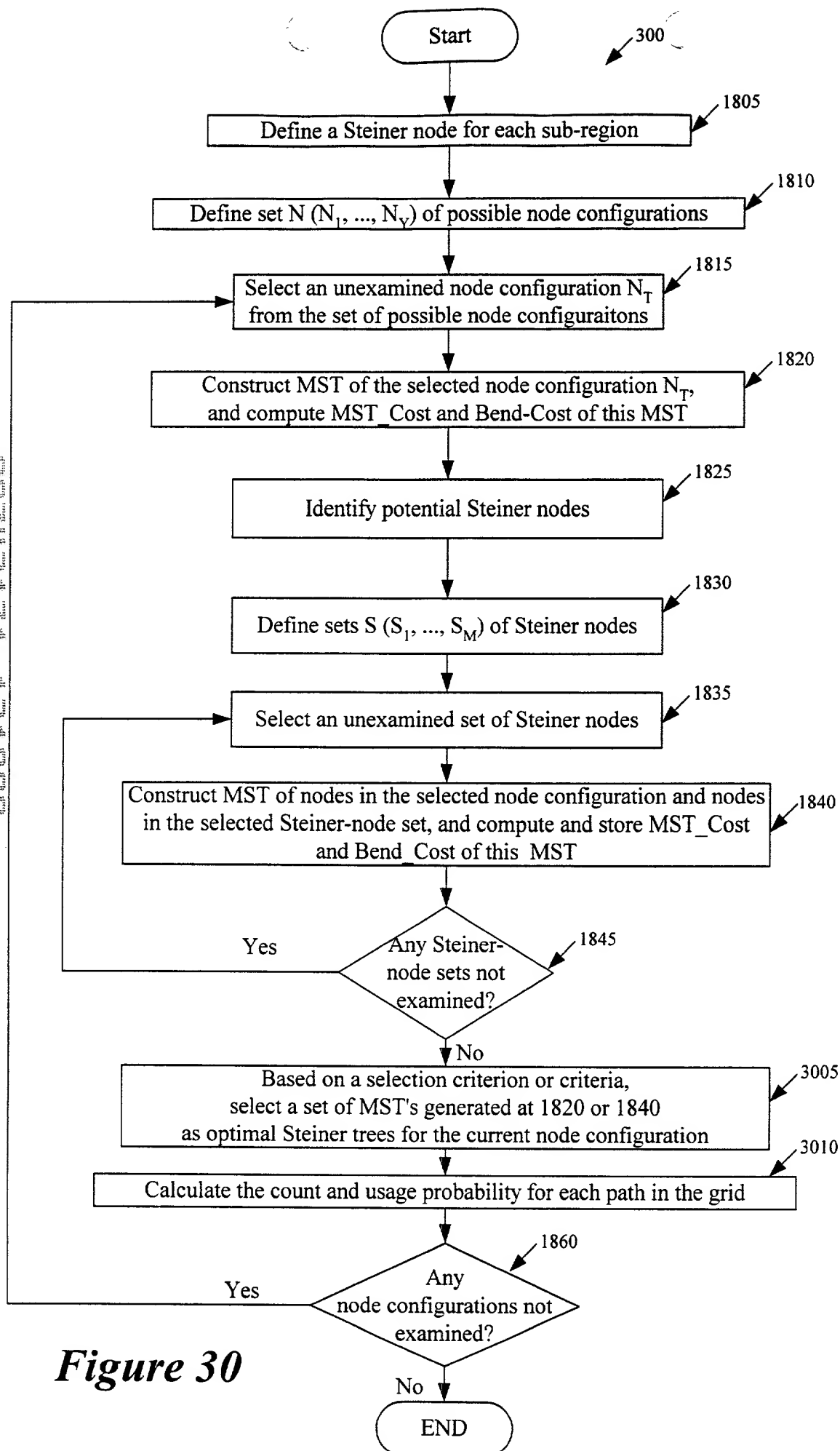
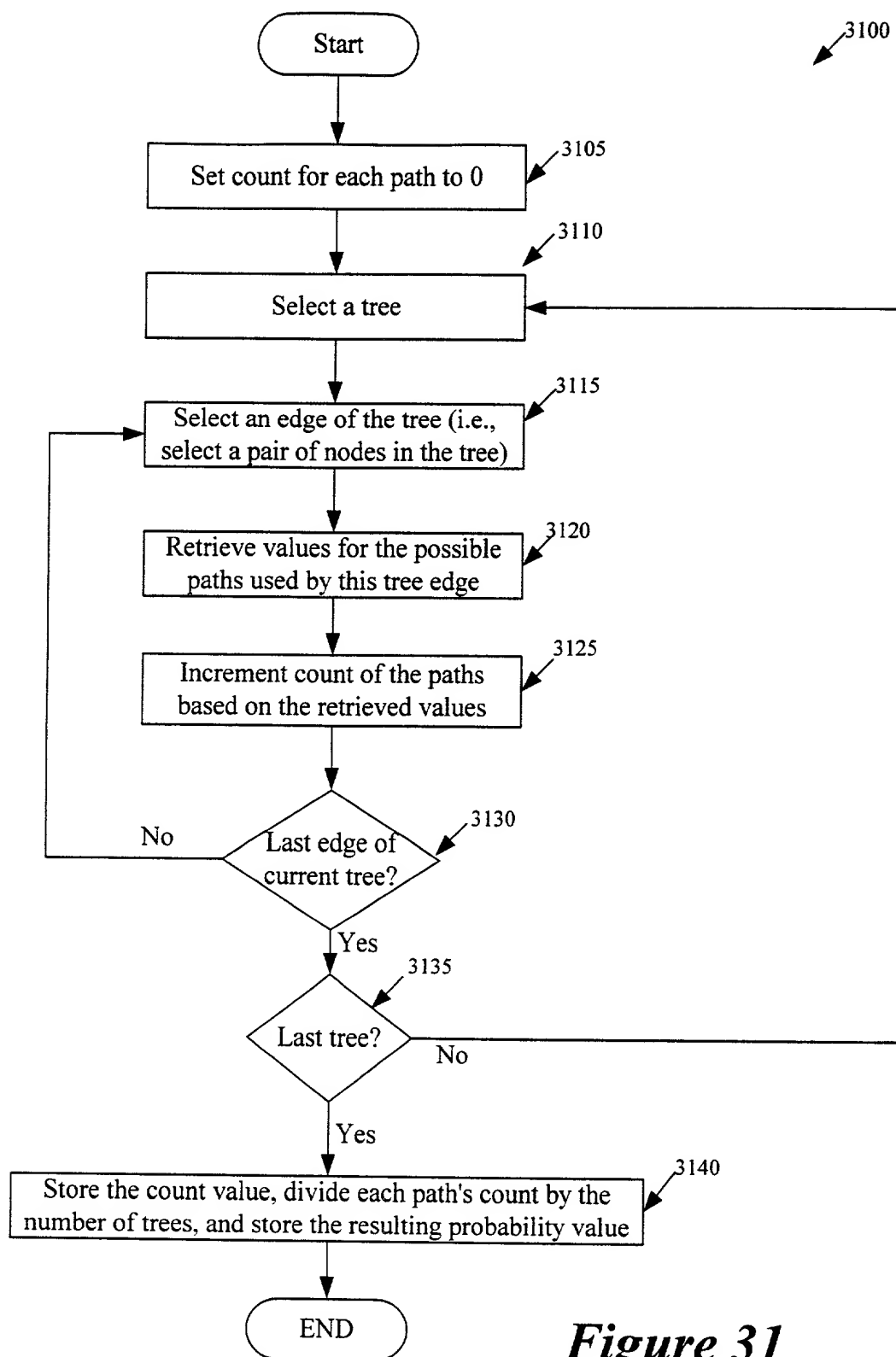
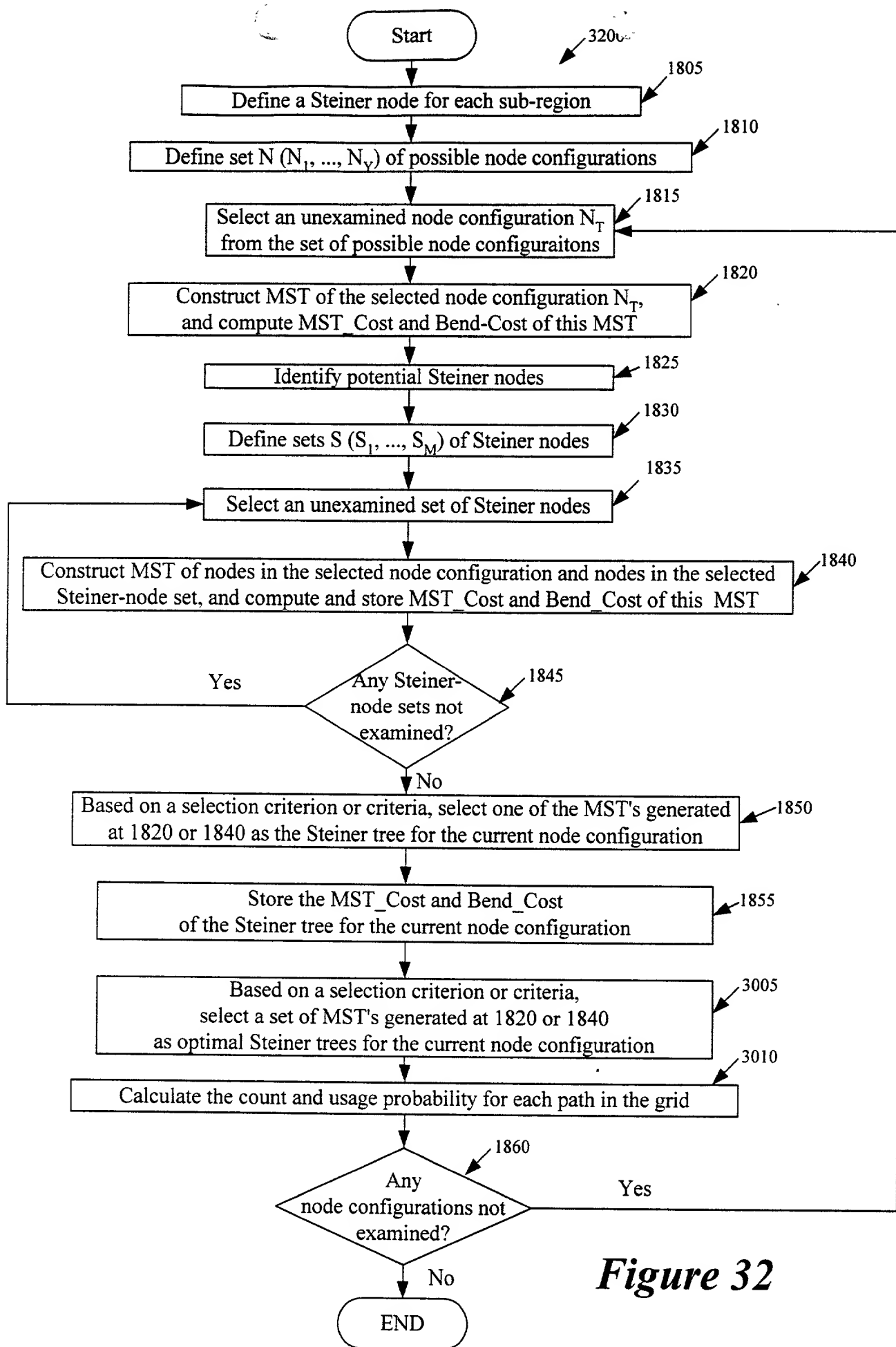


Figure 30





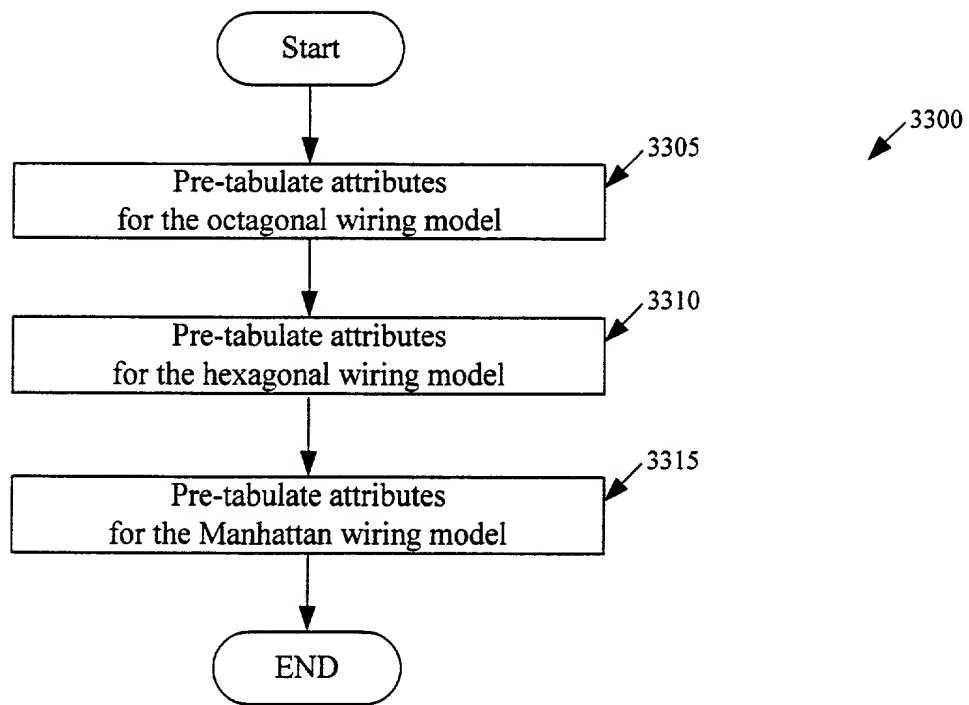


Figure 33

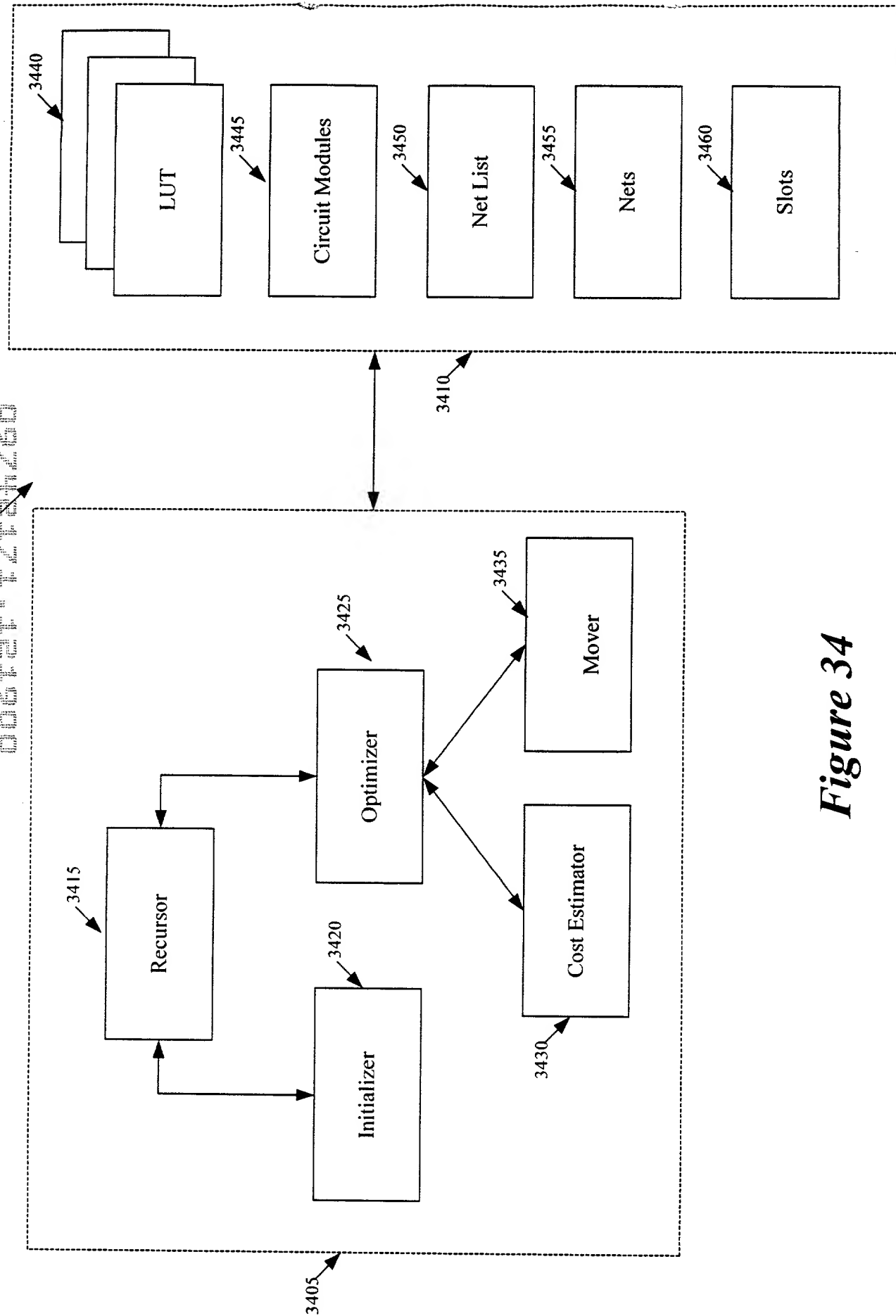


Figure 34

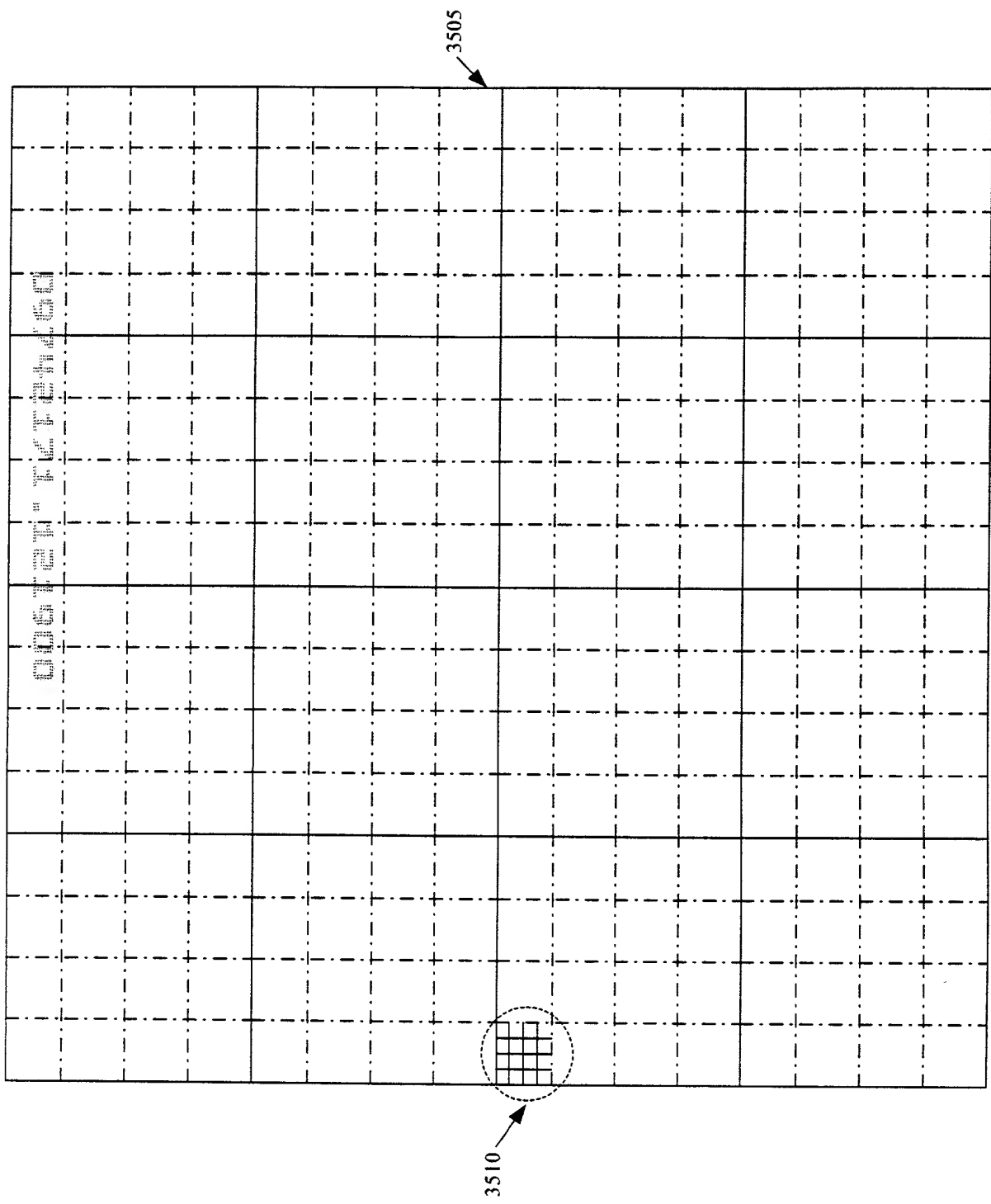


Figure 35

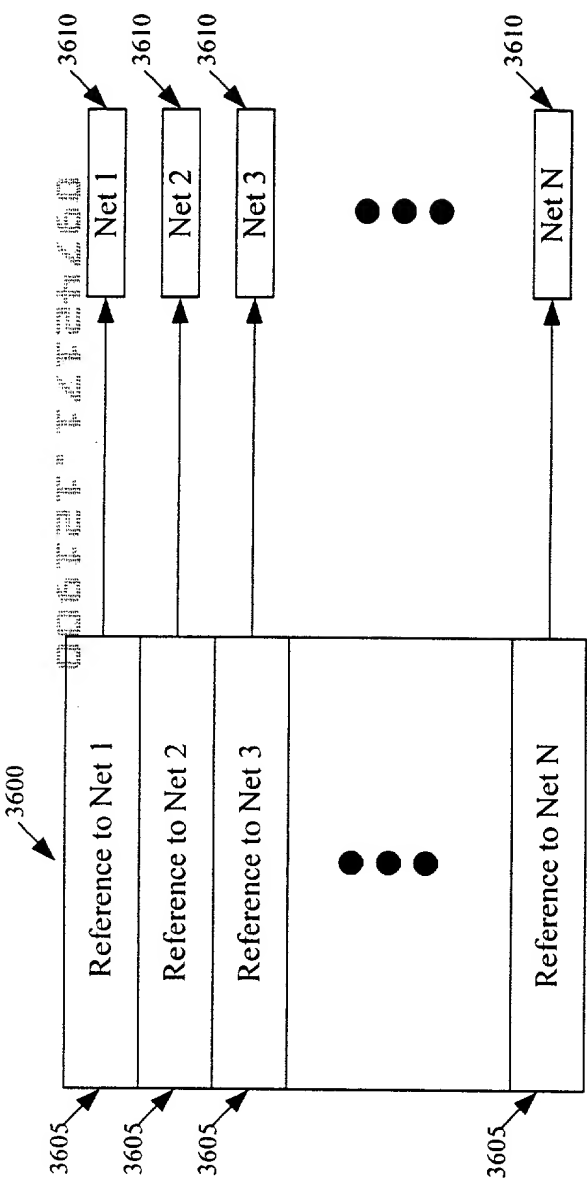


Figure 36

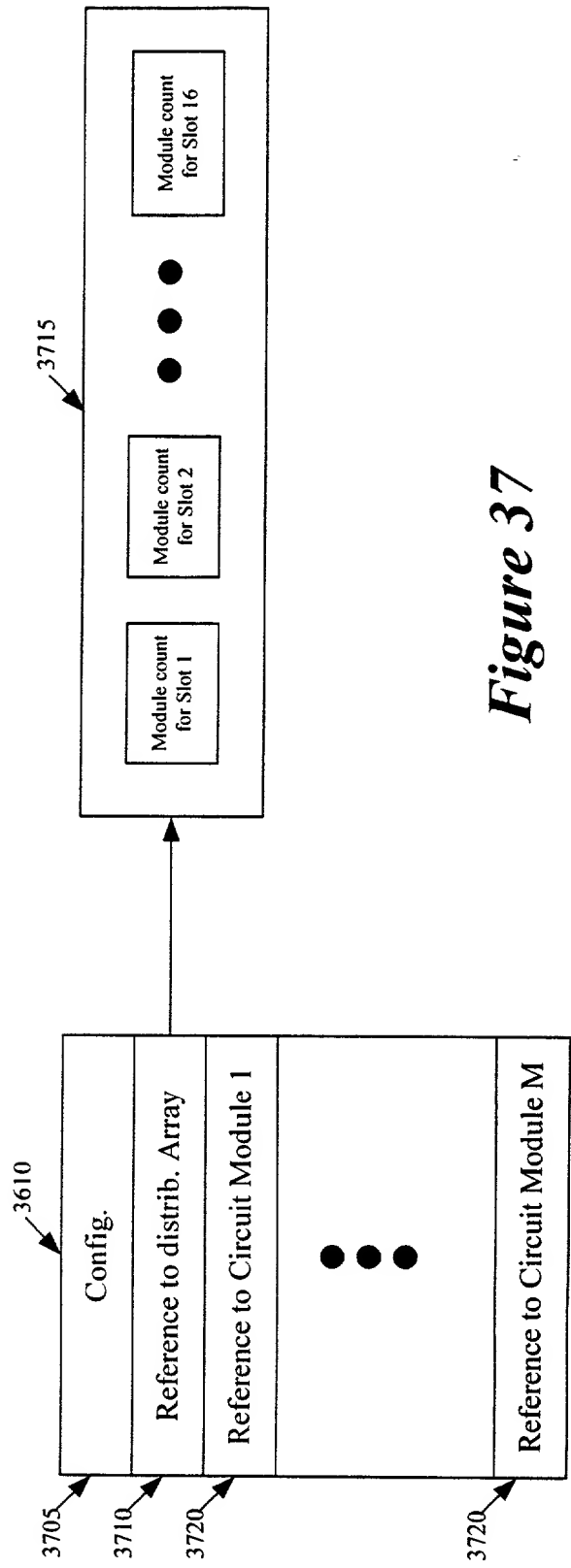


Figure 37

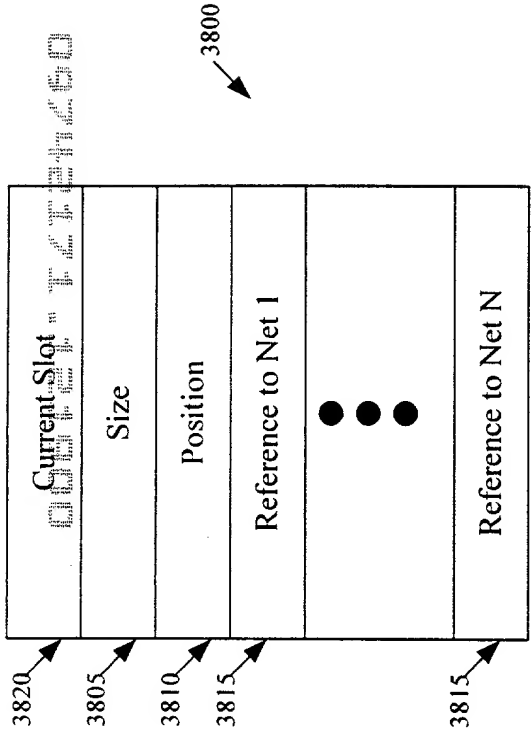


Figure 38

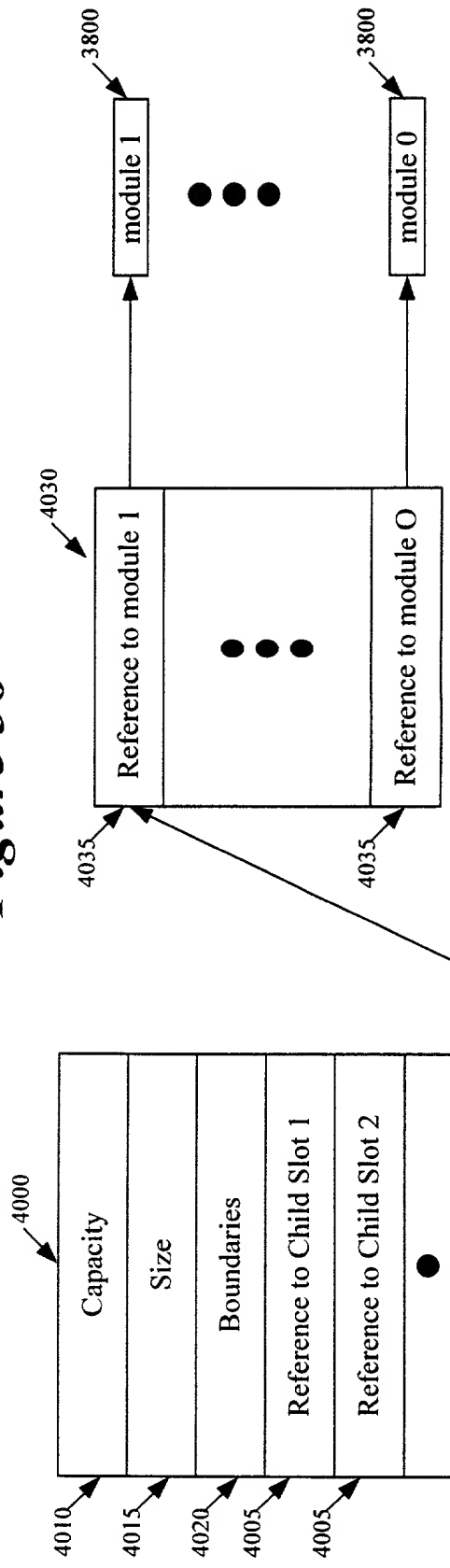


Figure 40

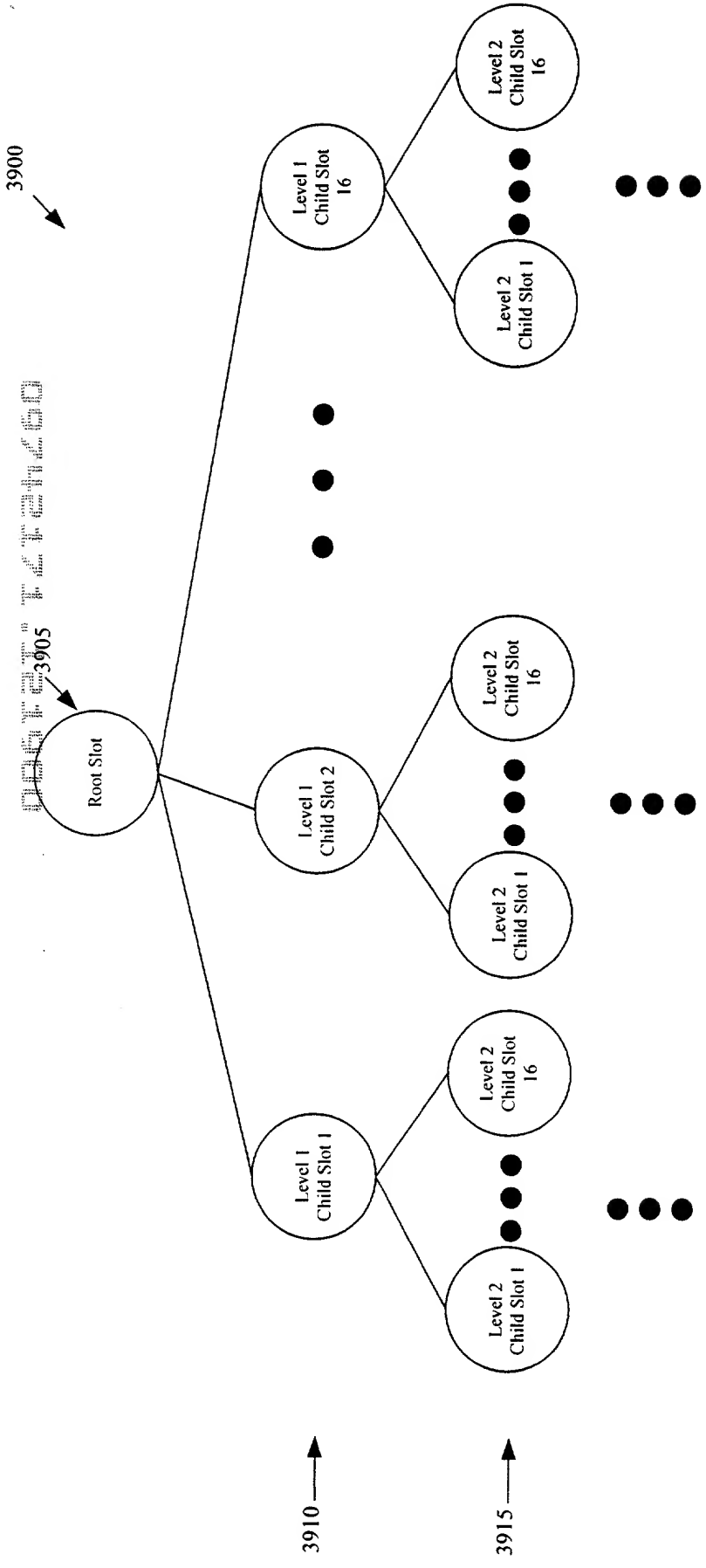


Figure 39

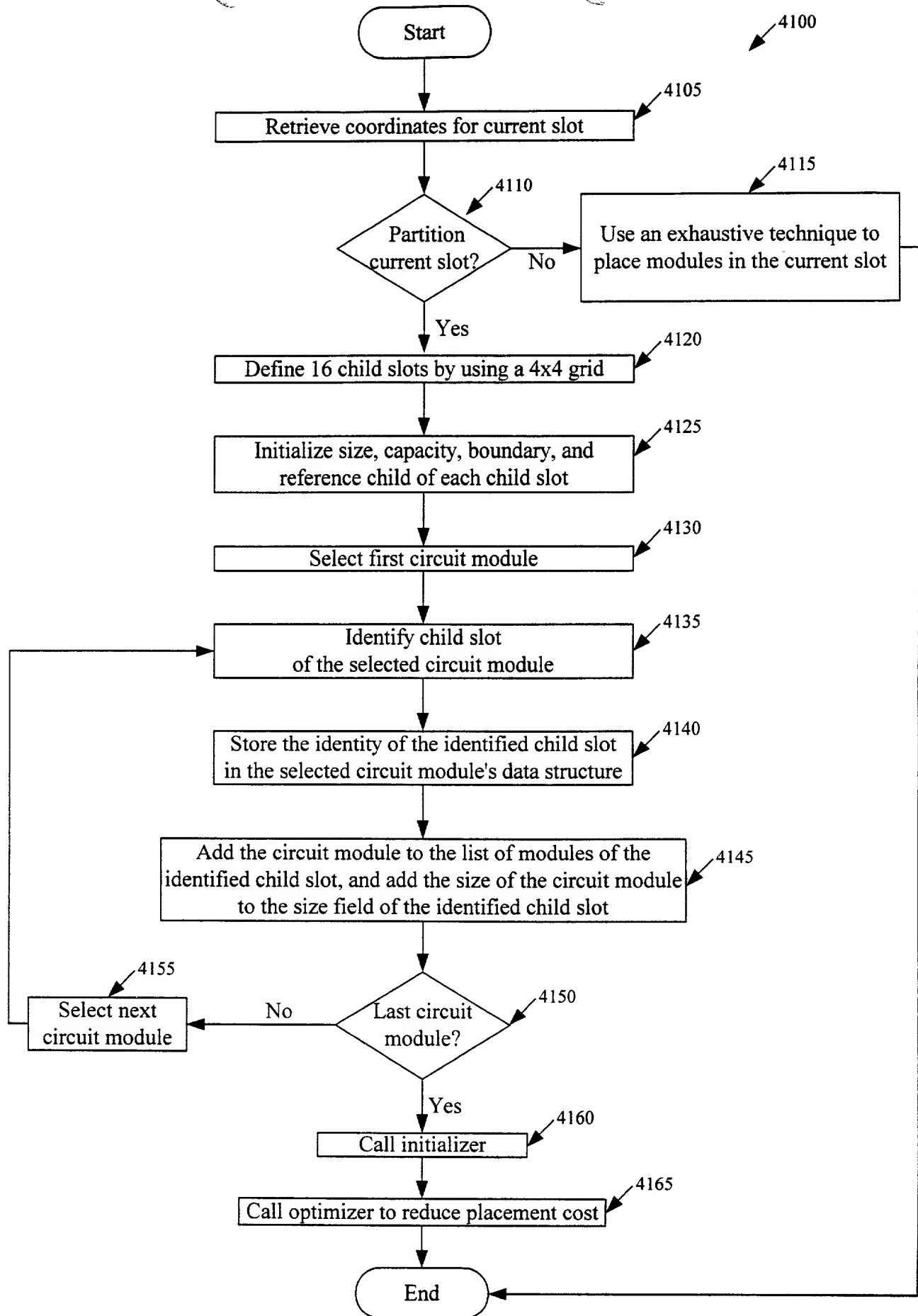


Figure 41

4300

$$\text{Data Structure} = \left[\sum_{net} F(\text{netconfig}, \text{path1}), \sum_{net} F(\text{netconfig}, \text{path2}), \sum_{net} F(\text{netconfig}, \text{path3}), \bullet \bullet \bullet \sum_{net} F(\text{netconfig}, \text{path42}) \right]$$

Figure 43

4405 ₁₃	4405 ₁₄	4405 ₁₅	4405 ₁₆
4405 ₉	<div> <div>4420</div> <div>↓</div> <div>■</div> </div>	4405 ₁₁	4405 ₁₂
4405 ₅	<div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> </div> <div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> </div> <div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div>	<div> <div>4425</div> <div>↘</div> <div>■</div> </div> <div> <div>4405₆</div> <div>↘</div> <div>■</div> </div> <div> <div>4415</div> <div>↘</div> <div>■</div> </div>	4405 ₈
4405 ₁	4405 ₂	4405 ₃	4405 ₄

Figure 44

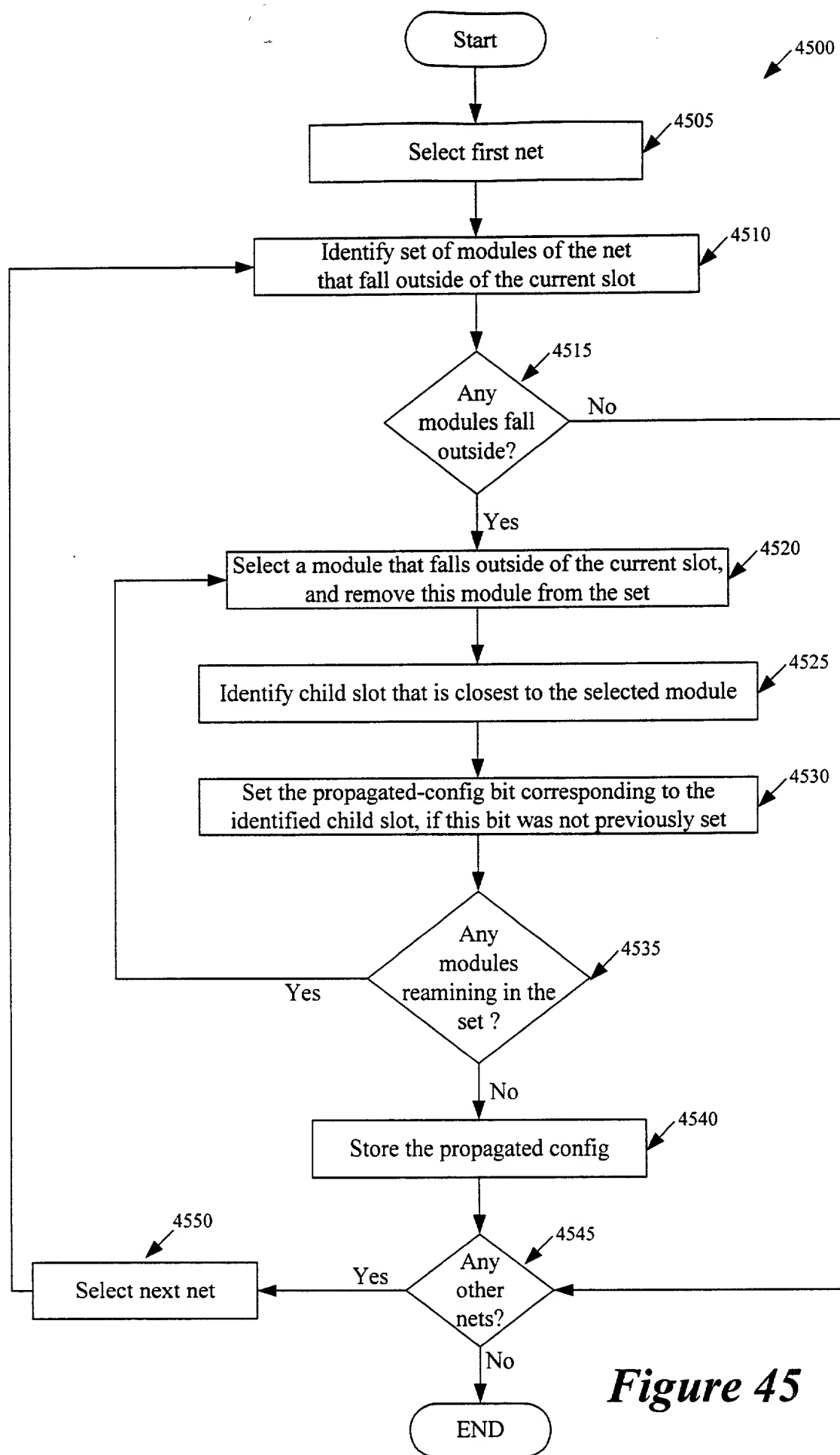


Figure 45

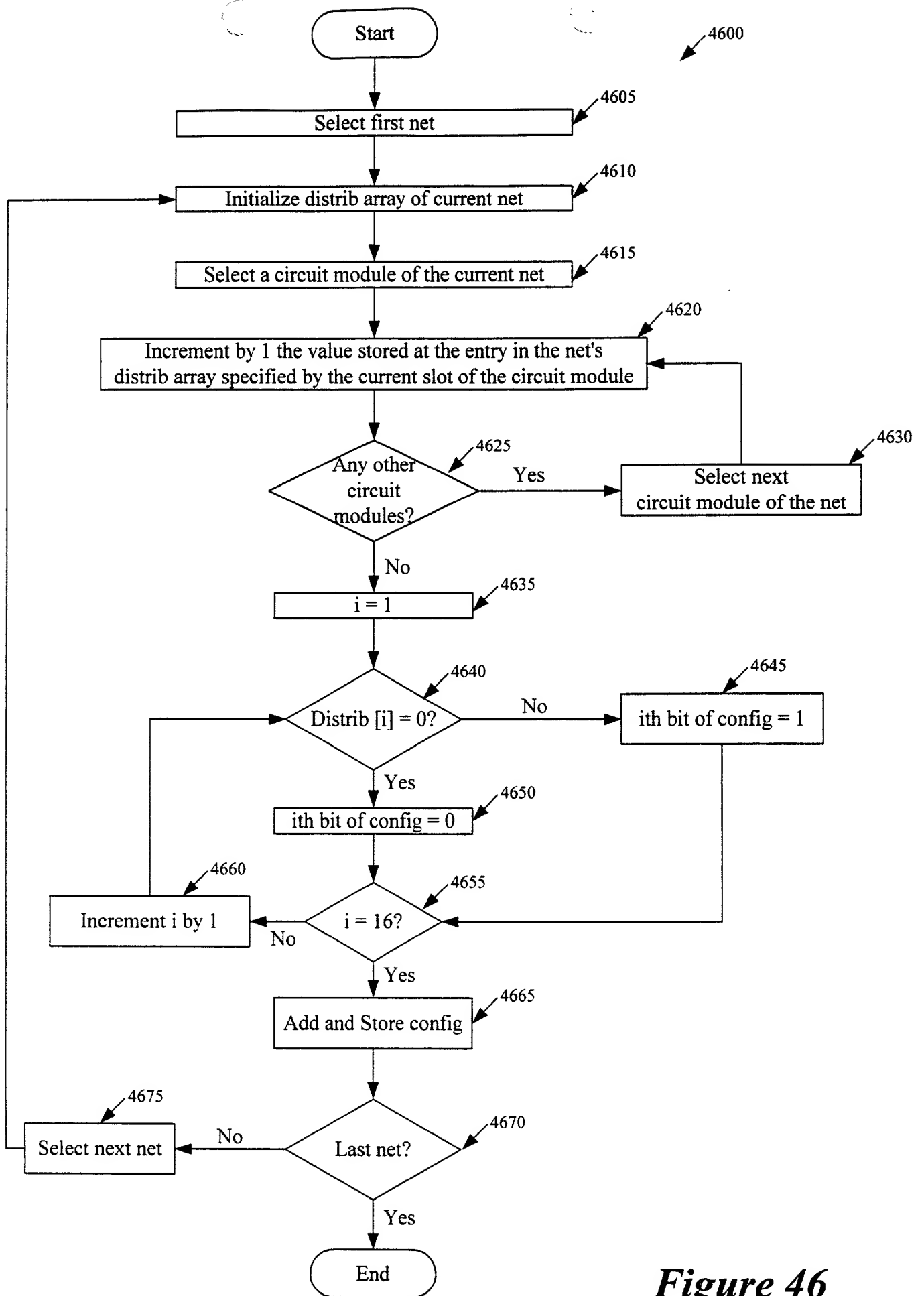


Figure 46

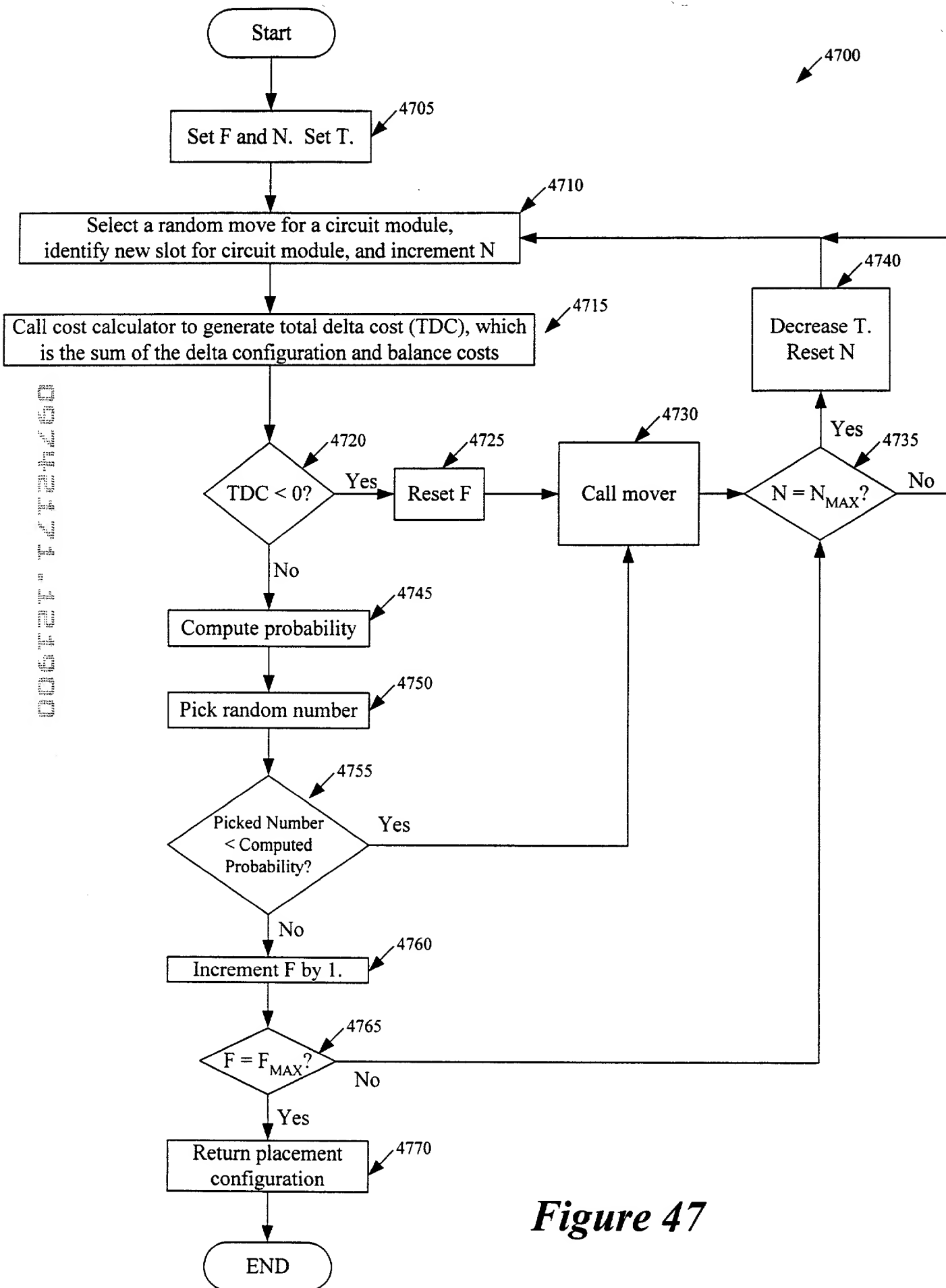


Figure 47

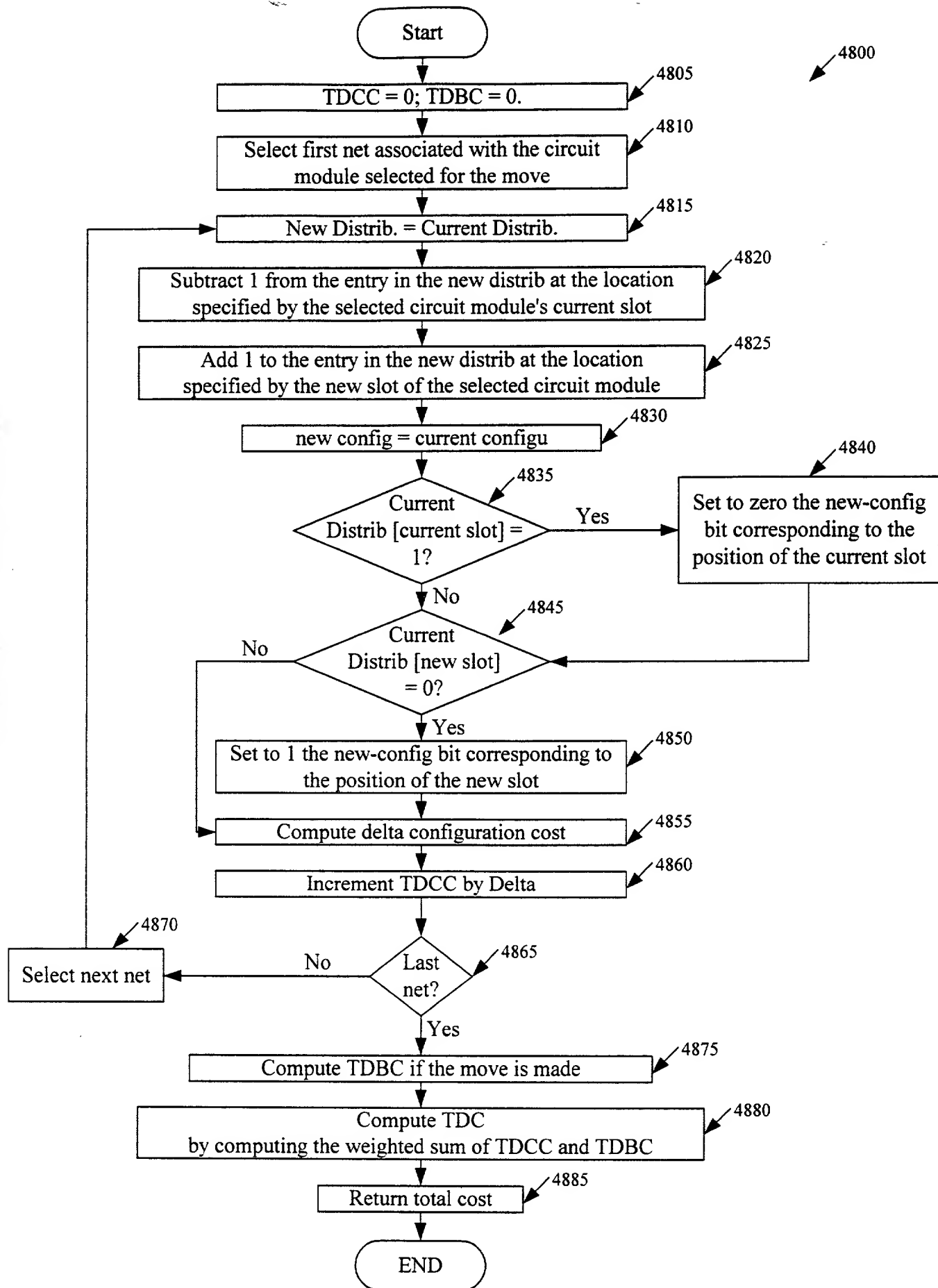


Figure 48

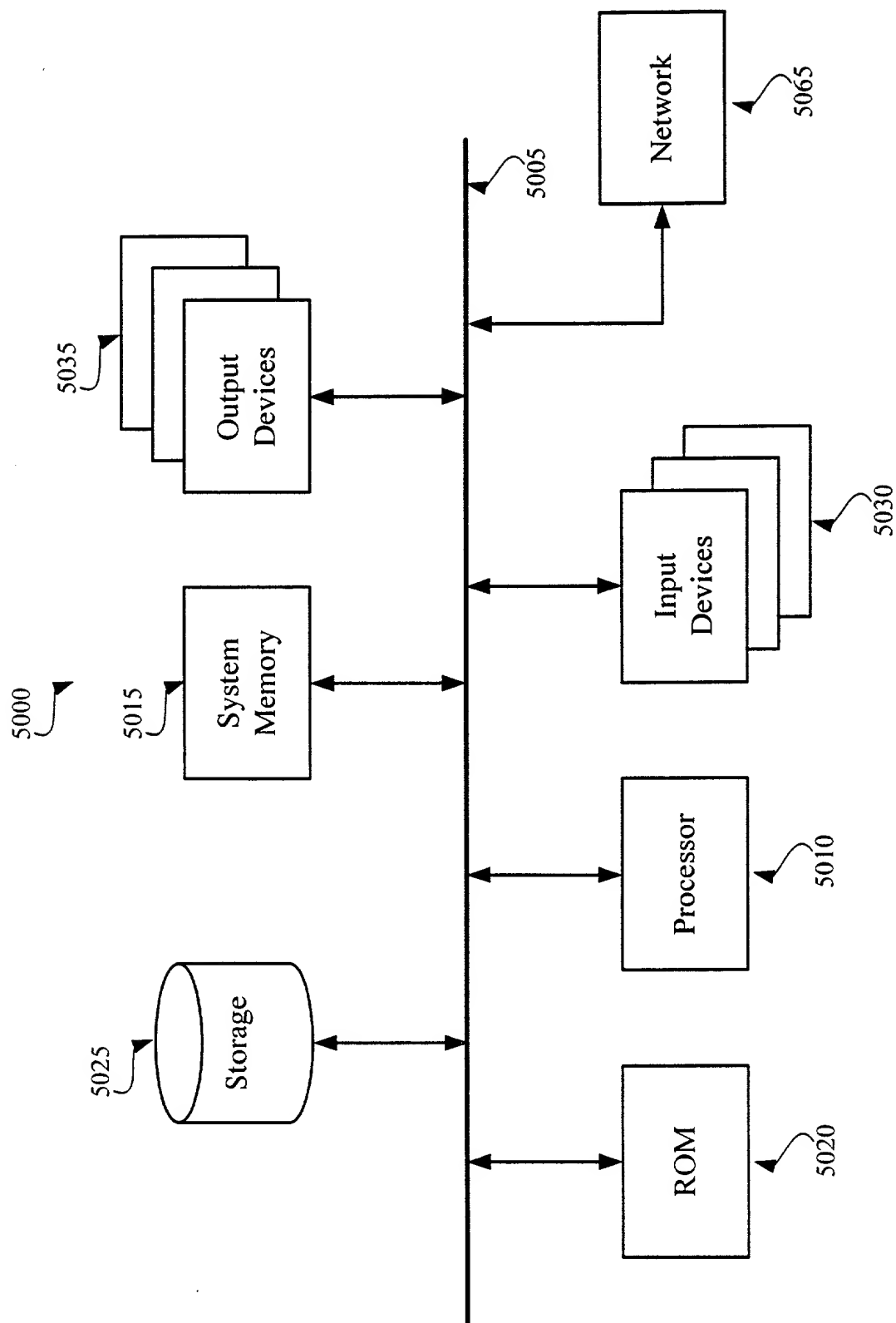


Figure 50